Jordo Bósica. Coeficientes Binonicas Kaic Molto CT 11 348 Triângulo de Pascol e Tortaglia 01.  $\binom{8}{3} = \frac{8!}{3!(8-3)!} = \frac{8.7.6.5!}{3.2.1.5!} = \frac{56}{56}$  So) 02.  $\frac{(200)}{198} = \frac{200!}{198!} = \frac{19.900}{200!} = \frac{19.900}{$ 03.  $\binom{m-1}{2} = \binom{m+1}{3} + \binom{2+4-6=0}{3+1} = 4$   $V = \{1,2,3\}$  [m=1] on [m-2] ov [m-3] $0^{4}$ , (20) = (14) 21 $05. \quad \binom{n}{1} + \binom{n}{1} + \binom{n}{2} + \ldots + \binom{n}{2} = 2^{m}$ 06, e) = (10) = 2.0 = [1024]  $\begin{cases} (10) = (10) + (10) + \dots + (10) \\ (10) = (10) + (10) + \dots + (10) + (10) \\ (10) = (10) + (10) + \dots + (10) + (10) + \dots + (10) \\ (10) = (10) + (10) + \dots + (10) + (10) + \dots + (10) \\ (10) = (10) + (10) + \dots + + ($  $\begin{array}{c} C) \sum_{q} \begin{pmatrix} 9 \\ P \end{pmatrix} = \begin{pmatrix} 9 \\ 2 \end{pmatrix} + \begin{pmatrix} 9 \\ 3 \end{pmatrix} + \dots + \begin{pmatrix} 9 \\ 9 \end{pmatrix} \\ \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = 10 \\ \frac{1}{2} + \frac{1}{2} = 11 \\ \frac{1}{2} = 11 \\ \frac{1}{2} + \frac{1}{2} = 11 \\ \frac{1}{2} + \frac{1}{2} = 11 \\ \frac{1}{2} = 11 \\ \frac{1}{2} + \frac{1}{2} = 11 \\ \frac{1$ 1) = 1=1=10 2°=512 [R:512-110=502]

$$\frac{d}{dt} = \frac{10}{4} + \frac{10}{4}$$

07. 
$$\sum_{k=0}^{m} {m = 9}$$
 2